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UTILIT PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 35722/238390(5722-2A)

First Inventor or Application Identifier: Black, Jr.

Title of Invention: COMPOSITIONS AND METHODS FOR

ACTIVATING GENES OF INTEREST

Express Mail Label No. EL868637407US

ADDRESS TO: BOX PATENT APPLICATION COMMISSIONER FOR PATENTS **WASHINGTON, DC 20231**

Transmitted herewith for filing in the United States Patent Office is a patent application for:

Inventors: Charles Allen Black, Jr., Pittsburgh, PA

- 1. \boxtimes The Filing Fee has been calculated as shown below:
- \boxtimes 2. Applicant claims Small Entity Status. See 37 CFR 1.27.

			Small Entity		Large Entity	
	No. Filed	No. Extra	Rate	Fee 1	Rate	Fee 0
BASIC FEE				\$355		\$0
TOTAL CLAIMS:	12 - 20 =	0	X	9 = \$ 0	x 18	= \$0
INDEP CLAIMS:	3 - 3 =	0	X	40 = \$ 0	x 80	= \$0
[]]MULTIPLE DEPENDENT CLAIMS PRESENTED			. +1	+135 =\$		= \$
*If the difference in Coluenter "0" in Column 2	TOTAL	\$355	TOTAL	\$		

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Acct. No.

- \boxtimes Fees required under 37 CFR 1.16 (National filing fees).
- Fees required under 37 CFR 1.17 (National application processing fees).
- Ø A check in the amount of \$355.00 for the filing fee is enclosed.
- The above filing fee will be paid along with Applicant(s) Response to the Notice to File Missing Parts.
- 3. Specification; Total Pages 23
- 4. Ø 8 Sheets of Formal Drawing(s) (35 USC 113)
- 5. \boxtimes Declaration and Power of Attorney; [Total Pages 2]
 - Newly executed (original or copy)
 - \boxtimes b. Copy from a prior application (37 CFR 1.63(d))
 - (for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) & 1.33(b).
- 6. \Box Application Data Sheet. See 37 CFR 1.76
- 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8.	Nucleo a. b. c.	Computer Reada Request for Tran under 37 CFR § Specification Sec i. CD ii. Pape	quence Submission (if applicable, all essary) ble Copy (CRF) sfer of Computer Readable Form of Sequence Listing 1.821(e) and MPEP 2422.05 quence Listing on: -ROM or CD-R (2 copies); or r (7 Pages) ing identity of above copies				
ACCOMPANYING APPLICATION PARTS							
9.		Assignment Papers (cover sheet & document(s) (including a check for the \$40.00 fee)					
10.		37 CFR 3.73(b) Statement (when there is an assignee); Dewer of Attorney					
11.		English Translation Document (if applicable)					
12.	\boxtimes	Information Disclosure Statement (IDS)/PTO-1449; No Copies of IDS Citations					
13.		Preliminary Amendment					
14.	\boxtimes	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed) Foreign Priority is					
16.		Request and Certification for Non-publication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB35 or its equivalent.					
17.		Request for Early Publication Under 37 CFR § 1.219. Fee of \$300.00 is enclosed.					
18.	If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CF 1.76: □ Continuation □ Divisional □ Continuation in Part (CIP) of prior Application No: 09/446,402; Filed December 20, 1999, which was a National Phase Entry of PCT/US98/13093, filed June 24, 1998, which National Phase Entry claimed priority from U.S. Provisional Application No. 60/050,772, filed June 25, 1997.						
Prior Application Information: Examiner S. McGarryGroup/Art Unit: 1635							
under B	ox 5b, is co	onsidered a part of the disclosure of	the entire disclosure of the prior application, from which an oath or declaration is supplied the accompanying continuation or divisional application and is hereby incorporated by when a portion has been inadvertently omitted from the submitted application parts.				
19. CORRESPONDENCE ADDRESS <u>CUSTOMER NUMBER 00826</u>							
Signature: Attornov of Phond Frie I Vien							
Attorney of Redord: Eric J. Kron Attorney Registration No. 45,941							
Alston	& Bird	LLP	CERTIFICATE OF EXPRESS MAILING				
Bank of America Plaza			"Express Mail" mailing label number EL868637407US Date of Deposit September 20, 2001				
101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000			I hereby certify that this paper or fee is being deposited with the United States Postal				
Tel Raleigh Office (919) 862-2200			Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner For Patents,				
Fax Ra	ileigh Off	fice (919) 862-2260	Washington, DC 20231.				

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Nora C. Martinez